

**LINDNER**



**MICROMAT 1500 | 2000 | 2500  
STATIONARY UNIVERSAL SHREDDING**

**NEVER  
DEFEATED.**

ONLY LINDNER CLIENTS CAN TRULY SAY:

# CUTS EVERY- THING DOWN TO SIZE.

## UNIVERSAL SHREDDING, LINDNER STYLE: FLEXIBLE, SMART AND POWERFUL.

The Micromat series of single-shaft shredders is the key to processing a wide range of plastics or other materials with maximum productivity. The winning combination of intelligent software, powerful drives and the new Lindner Multiplex rotor keeps the line continuously busy with the necessary material – all day and all night long.



### 1. POWERFUL GEAR DRIVE

**Robust, high-torque gear drive** the effective shredding of e.g. rigid plastics, fibres, nets and big bags.

**Optimum machine protection** thanks to the safety clutch and the drive unit's instant mechanical disengagement in the event of incidents.



### 2. CONTROL & OPERATION

**Ergonomic operation** with activity-dependent ports for the mobile panel on the front and rear of the machine.

**Intuitive menu navigation** with software functions automatically opening and closing depending on the task at hand.

**High availability** thanks to fast troubleshooting with smart solution-finding and integrated FAQ database.

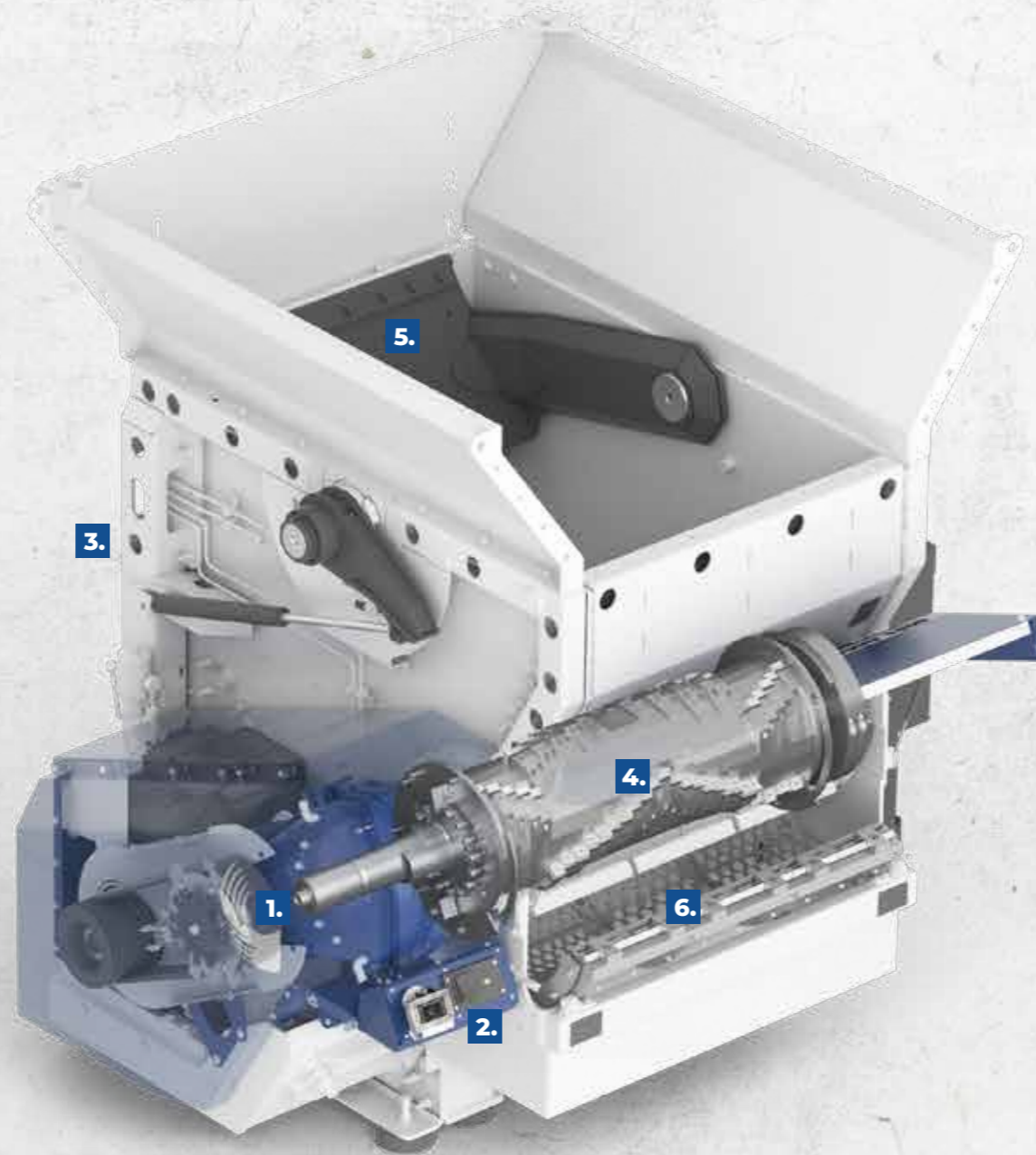


### 3. HYDRAULIC MAINTENANCE DOOR

**Fast cleaning and readiness for different input materials** thanks to easy access to cutting unit and pusher.

**Quick and clean removal of non-shreddables** with the maintenance door at position 2.

**Enjoy convenient access** to the rotor and counter knives for a fast knife exchange with the maintenance door at position 3.



### 4. MULTIPLEX ROTOR

**Maximum flexibility** thanks to the new Multiplex rotor shredding almost any plastics and other materials.

**More output** and up to 40% more productivity guaranteed by the new 3D stepped rotor design.

**Resistant to foreign matter** due to robust design and special wear plates.



### 5. INTERNAL PUSHER

**Constant shredding** due to uniform material feeding.

**Maintenance-free** to the absence of guide elements.

**Easy feeding** with a completely internal construction.

**No jamming** as a result of our additional comb and sealing bars.



### 6. PLUG & GO SCREEN UNIT

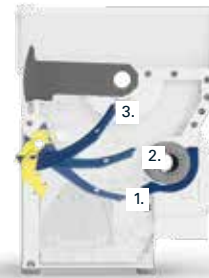
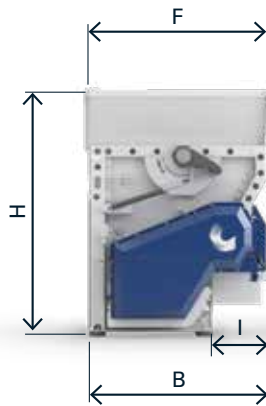
**Flexible output sizes** possible with our quick-change screen units in various hole sizes.

**Extremely safe operation** with the electromagnetically locked screen access point.

**Easy screen change** thanks to their swivel-mounted, hydraulically operated, modular design.



# TECHNICAL DATA



Hydraulic door for maintenance and removal of foreign objects

1. Operating position
2. Position for removal of foreign objects
3. Position for maintenance

		MICROMAT 1500	MICROMAT 2000	MICROMAT 2500
<b>DIMENSIONS*</b>				
Measure (LxWxH)	mm	3738 x 2478 x 3380	4217 x 2478 x 3380	4717 x 2478 x 3380
Hopper opening (DxF)	mm	2290 x 2405	2790 x 2405	3290 x 2405
Feeding height	mm	2594	2594	2594
Capacity	m <sup>3</sup>	3.4	4.5	5.6
Outlet width (I)	mm	1725	2225	2725
Weight	kg	11700	13700	15700
<b>CUTTING UNIT*</b>				
Length	mm	1525	2025	2525
Speed**	min <sup>-1</sup>	63 – 147	63 – 147	63 – 147
Standard tool		Multiplex 50S	Multiplex 50S	Multiplex 50S
Number of knives	Stk.	90	120	150
Number of screens	Stk.	3	4	5
Final output	mm	15-100	15-100	15-100
<b>DRIVE*</b>				
Motor	kW	1 x 90	1 x 132	1 x 160

\* The stated values refer to standard machine versions with a standard hopper and raised feet. The right to make technical changes is reserved.

\*\* Variable rotor speeds require optional electronic motor speed control system and gear configuration.



Cutting system cooling



Water sprinkling system



Specialised rotor configurations



Machine information system

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